



LOUIS STOKES VA MEDICAL CENTER CLEF/LND																									
STEAM TRAP MONITORING SYSTEM, INSULATION AND PIPING UPGRADES																									
STEAM TRAP TAG NO.	LOCATION	TRAP DRAWING REFERENCE NO.	AREA	TRAP TYPE	ELEV. APT.	TRAP MODEL, MFG. & MPFE SIZE	P IN	EQUIPMENT SERVED	COND	REMARKS			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	BA-109 MECH. ROOM #H2		3-B-5	F	10	3/4" SPRKX FTB-30	12M	UNIT HEATER	OK	NEW STEAM TRAP OK. BUT SHOWS SOME WEAR. WHEN WORKN, REPAIR STEAM TRAP WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
2	BA-109 MECH. ROOM DRP BY #42 UNIT HEATER		3-B-5	F	5	3/4" SPRKX FTB-30	12	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT OR REP ACE WITH NEW 3/4" SPRKX FTB-30 OR 3/4" TUNSTALL IAF-TB-30 F&T TRAP. INSPECTED 7/23/12.			X												
3	BA-109 MECH. ROOM AC-53 STEAM COIL, RIGHT TRAP		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	LK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #4. STEAM TRAP HAS SLIGHT LEAKAGE. REPAIR DEFECTIVE STEAM TRAP WITH 2" SPRKX FTB-30 F&T TRAP REPAIR KIT. HAS NO VACUUM BREAKER. INSTALL TUNSTALL VB-34 STEAM SERVICE VACUUM BREAKER BETWEEN STEAM COIL OUTLET AND STEAM TRAP INLET. INSPECTED 7/23/12.				NOTE 1						X					
4	BA-109 MECH. ROOM AC-53 STEAM COIL, LEFT TRAP		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	LK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #3. STEAM TRAP HAS SLIGHT LEAKAGE. REPAIR DEFECTIVE STEAM TRAP WITH 2" SPRKX FTB-30 F&T TRAP REPAIR KIT. HAS NO VACUUM BREAKER. INSTALL TUNSTALL VB-34 STEAM SERVICE VACUUM BREAKER BETWEEN STEAM COIL OUTLET AND STEAM TRAP INLET. INSPECTED 7/23/12.				NOTE 1						X					
5	BA-109 MECH. ROOM DRP TRAP FOR AC-53 STEAM SUPPLY		3-B-5	F	7	3/4" SPRKX FTB-30	12	DRP TRAP	OK	STEAM TRAP SHOWS SOME WEAR. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.															
6	BA-109 MECH. ROOM AC-52 STEAM COIL, RIGHT TRAP		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #7. WHEN WORKN, REPAIR STEAM TRAP WITH 2" SPRKX FTB-30 F&T STEAM TRAP REPAIR KIT. HAS NO VACUUM BREAKER. INSTALL TUNSTALL VB-34 STEAM SERVICE VACUUM BREAKER BETWEEN STEAM COIL OUTLET AND STEAM TRAP INLET. INSPECTED 7/23/12.			X	NOTE 1					X						
7	BA-109 MECH. ROOM AC-52 STEAM COIL, LEFT TRAP		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #6. WHEN WORKN, REPAIR STEAM TRAP WITH 2" SPRKX FTB-30 F&T STEAM TRAP REPAIR KIT. HAS NO VACUUM BREAKER. INSTALL TUNSTALL VB-34 STEAM SERVICE VACUUM BREAKER BETWEEN STEAM COIL OUTLET AND STEAM TRAP INLET. INSPECTED 7/23/12.			X	NOTE 1					X						
8	BA-109 MECH. ROOM AC-52 STEAM COIL, SUPPLY DRP		3-B-5	F	10	3/4" SPRKX FTB-30	12	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
9	BA-109 MECH. ROOM MAIN STEAM SUPPLY DRP BY AC-52 AHU		3-B-5	F	10	3/4" SPRKX FTB-30	12	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
10	DRP AT WALL. ROOM MAIN UNIT HEATER #1 SUPPLY		3-B-5	F	10	3/4" SPRKX FTB-30	12	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
11	BA-109 MECH. ROOM UNIT HEATER #1		3-B-5	F	9	3/4" SPRKX FTB-15	12	UNIT HEATER	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-15 FACE PLATE REPAIR KIT OR REPLACE WITH NEW 3/4" SPRKX FTB-15 TUNSTALL VB-34F STEAM SERVICE VACUUM BREAKER. INSTALL TUNSTALL VB-34F STEAM SERVICE VACUUM BREAKER BETWEEN STEAM COIL OUTLET AND STEAM TRAP INLET. INSPECTED 7/23/12.									X						
12	BA-109 MECH. ROOM AC-51 STEAM COIL		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #13. STEAM TRAP OK. WHEN WORKN, REPAIR WITH 2" SPRKX FTB-30 F&T STEAM TRAP AND STEAM TRAP INLET. INSPECTED 7/23/12.				NOTE 1					X						
13	BA-109 MECH. ROOM AC-51 STEAM COIL		3-B-5	F	2	2" SPRKX FTB-30	12M	STEAM COIL	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #12. STEAM TRAP OK. WHEN WORKN, REPAIR WITH 2" SPRKX FTB-30 F&T STEAM TRAP REPAIR KIT. INSPECTED 7/23/12.				NOTE 1											
14	BA-109 MECH. ROOM ABOVE TRAP #12 (AC-51) MAIN MED. PRESSURE DRP STEAM COIL		3-B-5	F	12	3/4" SPRKX FTB-30	12	STEAM MAN DRP	OK	STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
15	BA-109 MECH. ROOM AC-51 STEAM SUPPLY DRP		3-B-5	F	12	3/4" SPRKX FTB-30	12	STEAM MAN DRP	OK	STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
16	BA-109 MECH. ROOM AC-51 STEAM SUPPLY DRP		3-B-5	F	12	3/4" SPRKX FTB-30	12M	STEAM MAN DRP	OK	STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.			X												
17	BA-109 MECH. ROOM HEAT EXCHANGER		3-B-5	F	3	2" SPRKX FTB-30	12M	HEAT EXCHANGER	LK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #18. STEAM TRAP HAS SLIGHT LEAKAGE. REPAIR DEFECTIVE STEAM TRAP WITH 2" SPRKX FTB-30 F&T TRAP REPAIR KIT. HAS STEAM SERVICE VACUUM BREAKER IN SHELL. INSPECTED 7/23/12.				X											
18	BA-109 MECH. ROOM HEAT EXCHANGER		3-B-5	F	3	2" SPRKX FTB-30	12M	HEAT EXCHANGER	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #17. STEAM TRAP OK. WHEN WORKN, REPAIR WITH 2" SPRKX FTB-30 F&T STEAM TRAP REPAIR KIT. INSPECTED 7/23/12.															
18A	BA-109 MECH. ROOM HEAT EXCHANGER		3-B-5	F	4	1 1/4" NICHOLSON FTB-30	12M	HEAT EXCHANGER	OK	STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. HAS VACUUM BREAKER IN SHELL. NEW TAG. INSPECTED 7/23/12.			X												
19	BA-109 MECH. ROOM HEAT EXCHANGER		3-B-5	F	3	2" SPRKX FTB-30	12M	HEAT EXCHANGER	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #20. STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH 2" SPRKX FTB-30 REPAIR KIT. HAS STEAM SERVICE VACUUM BREAKER IN SHELL. INSPECTED 7/23/12.															
20	BA-109 MECH. ROOM HEAT EXCHANGER		3-B-5	F	3	2" SPRKX FTB-30	12M	HEAT EXCHANGER	OK	STEAM TRAP INSTALLED IN PARALLEL WITH TRAP #19. STEAM TRAP OK. WHEN WORKN, REPAIR STEAM TRAP WITH 2" SPRKX FTB-30 REPAIR KIT. HAS STEAM SERVICE VACUUM BREAKER IN SHELL. INSPECTED 7/23/12.															
21	BA-109 MECH. ROOM MECO WATER HEATER #2		3-B-5	F	3	1 1/2" SPRKX FTB-30	12M	HEAT EXCHANGER	CO	STEAM TRAP IS COLD OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. HAS STEAM SERVICE VACUUM BREAKER AT INLET. INSPECT 1 STRAINER. INSPECTED 7/23/12.				X											
22	BA-109 MECH. ROOM MECO WATER HEATER #1		3-B-5	F	3	1 1/2" SPRKX FTB-30	12M	HEAT EXCHANGER	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INET 3/4" STEAM TRAP UNION LEAKS. INSPECTED 7/23/12.			X												
23	BA-109 MECH. ROOM MECO WATER HEATER #2		3-B-5	F	2	3/4" SPRKX FTB-30	12	STEAM MAN DRP TRAP	OK	STEAM TRAP OK. HAS NEW 3/4" SPRKX FTB-30 F&T STEAM TRAP. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/23/12.															
24	BA-109 MECH. ROOM MECO WATER HEATER #1		3-B-5	F	2	3/4" SPRKX FTB-30	12	STEAM MAN DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. INET 3/4" STEAM TRAP UNION LEAKS. STEAM REPAIR. INSPECTED 7/23/12.															
24A	BA-109 MECH. ROOM MECO WATER HEATER #1		3-B-5	F	16	3/4" NICHOLSON FTB-75	25	STEAM MAN DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. DIE-ELECTRIC UNION AT OUTLET AND COPPER PIPING CONDENSATE LEAKS REPAIR. INSPECTED 7/23/12.															
25	BA-109 MECH. ROOM MEDIUM PRESSURE DRP AT WALL BY MECO UNITS		3-B-5	F	9	3/4" SPRKX FTB-30	25	DRP TRAP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. DIE-ELECTRIC UNION AT OUTLET AND COPPER PIPING CONDENSATE LEAKS REPAIR. INSPECTED 7/23/12.															
26	BA-109 MECH. ROOM HIGH PRESSURE DRP AT WALL BY MECO UNITS		3-B-5	D	8	3/4" SPRKX TB-52L	115	DRP TRAP	OK	HAS DIE-ELECTRIC UNION AT OUTLET AND 30 FT COPPER PIPING CONDENSATE LEAKS. THIS IS A SAFETY ISSUE. REPAIR. INSPECTED 7/23/12.															
27	SUB-BASEMENT COL. P29		3-B-4	D	4	3/4" SPRKX TB-52L	115	STEAM MAN DRP	OK	STEAM TRAP IS OK. WHEN WORKN, REPLACE WITH NEW 3/4" SPRKX BHH-125 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/23/12.			X												
28	SUB-BASEMENT COL. L29		3-B-4	D	3	3/4" SPRKX TB-52L	115	STEAM MAN DRP	OK	STEAM TRAP IS OK. WHEN WORKN, REPLACE WITH NEW 3/4" SPRKX BHH-125 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/23/12.															
29	SUB-BASEMENT COL. L42		3-B-4	D	3	3/4" PROTECTANT TECHNOLOGIES T66TB7	0	STEAM MAN DRP	CO	STEAM TRAP IS COLD OUT OF SERVICE. DISCONNECTED. INSPECTED 7/24/12.				X											
30	SUB-BASEMENT (DOOR #8) COL. P39		3-B-4	D	1	3/4" SPRKX TB-52L	115	STEAM MAN DRP	OK	STEAM TRAP IS OK. WHEN WORKN, REPAIR WITH TUNSTALL IFF-SA-30 FACE PLATE REPAIR KIT. HAS COPPER CONDENSATE PIPING. INSPECTED 7/24/12.															
31	SUB-BASEMENT BY COL. D39 (NEAR STAIRWELL #9)		3-B-4	D	3	3/4" SPRKX BHH-125	115	STEAM MAN DRP	CP	STEAM TRAP IS COLD PLUGGED. STEAM INLET VALVE FROZEN SHUT. HAS NEW 3/4" SPRKX BHH-125 INVERTED BUCKET TRAP. IF REQUIRED, REPAIR WITH SPRKX #8004 REPAIR KIT. HAS 8 FT. OF COPPER CONDENSATE LINE AT TRAP DISCONNECT. INSPECTED 7/24/12.															
32	SUB-BASEMENT BY COL. H20A		3-B-4	D	1	1 1/2" SPRKX BHH-125	30	STEAM MAN DRP	OK	STEAM TRAP IS OK. HAS NEW 3/4" SPRKX BHH-125 INVERTED BUCKET TRAP. WHEN WORKN, REPAIR WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/23/12.															
33	SUB-BASEMENT COL. H24 AT WALL		3-B-4	D	3	3/4" SPRKX BHH-125	30	STEAM MAN DRP	CO	STEAM TRAP IS COLD OUT OF SERVICE. HAS NEW 3/4" SPRKX BHH-125 INVERTED BUCKET TRAP. IF REQUIRED, REPAIR WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/24/12.															
34	SUB-BASEMENT COL. H24 AT WALL		3-B-4	D	4	3/4" SPRKX FTB-125	0	STEAM MAN DRP	CO	STEAM TRAP COULD NOT BE SERVICE. DISCONNECTED. IF REQUIRED, REPLACE WITH NEW 3/4" SPRKX BHH-125 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/23/12.															
35	SUB-BASEMENT COL. H18A		3-B-3	F	4	3/4" SPRKX FTB-125	0	STEAM MAN DRP	CO	STEAM TRAP COULD NOT BE SERVICE. DISCONNECTED. IF REQUIRED, REPAIR WITH TUNSTALL IFF-SA-125 FACE PLATE REPAIR KIT. TRAP IS TILTED. STRAIGHTEN. INSPECTED 7/23/12.															
36	SUB-BASEMENT COL. Z29		3-B-2	D	3	3/4" PROTECTANT TECHNOLOGIES H6GBB2	15	STEAM MAN DRP	CO	STEAM TRAP COULD NOT BE SERVICE. DISCONNECTED. IF REQUIRED, REPAIR WITH NEW 3/4" SPRKX BHH-125 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/24/12.				X											
37	SUB-BASEMENT COL. Z27		3-B-2	D	4	1 1/2" PROTECTANT TECHNOLOGIES H6GBB2	0	STEAM MAN DRP	CO	STEAM TRAP COULD NOT BE SERVICE. DISCONNECTED. IF REQUIRED, REPAIR WITH NEW 3/4" SPRKX BHH-125 OR 3/4" ARMSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/24/12.															
38	SUB-BASEMENT COL. Z27		3-B-2	D	2	1 1/2" SPRKX BHH-125	15	STEAM MAN DRP	OK	STEAM TRAP IS OK. HAS NEW 1 1/2" SPRKX BHH-125 INVERTED BUCKET TRAP. WHEN WORKN, REPAIR WITH SPRKX #8004 REPAIR KIT. 4 FT. OF 6" 4 FT. OF 3" 115 PSIG BARE STEAM PIPE AND 7' 80 ELBOW NEEDS INSULATION. INSPECTED 7/24/12.															
39	SUB-BASEMENT STAIRWELL #8 MECH. ROOM 12 - FRY LOUN PRESSURE DRP		3-B-2	D	6	3/4" SPRKX BHH-125	15	STEAM MAN DRP	CO	STEAM TRAP IS OK. HAS NEW 3/4" SPRKX BHH-125 INVERTED BUCKET TRAP. WHEN WORKN, REPAIR WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/23/12.															
40	SUB-BASEMENT STAIRWELL #8 MECH. ROOM 12 - FRY HIGH PRESSURE DRP		3-B-2	D	5	3/4" SPRKX BHH-125	115	STEAM MAN DRP	OK	STEAM TRAP IS OK. HAS NEW 3/4" SPRKX BHH-125 INVERTED BUCKET TRAP. WHEN WORKN, REPAIR WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/23/12.			X												

NOTES:

1. REPLACE STEAM TRAP WITH NEW PUMP/TRAP. SEE DETAIL 3 ON DWG. 1-02 & SPECIFICATION 22 23 13.

COLUMN REFERENCE NOTES:

- | | | |
|--|---|---|
| | ① | FURNISH AND INSTALL AN ACROSTIC WHITELESS STEAM TRAP MONITORING SENSOR PER SPECIFICATIONS. |
| | ② | REPLACE OR REPAIR STEAM TRAP IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN. |
| | ③ | REMOVE STEAM TRAP AND ALL ABANDONED CONNENATIVE UP TO A POINT WHERE THE CONNENATIVE IS LIVE. CAP. |
| | ④ | REPAIR STEAMCONNSISTANT LEAK IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN. |
| | ⑤ | INVESTIGATE AND DETERMINE THE REASON FOR ANY OTHER UNFUNCTIONING STEAM TRAP. IF THE REASON IS NOT LISTED IN THIS COLUMN, PROVIDE THE REASON IN REMARKS COLUMN. (FOR APPROVAL OF THE BID, CORRECT VALUES REQUIRE REPAIR OR REPLACEMENT.) DEDUCT ALTERNATE NO. 1. |
| | ⑥ | IF THE REASON WERE FOUND TO BE CLOG, FIX ALL SUCH CLOGS TO BE HEERING BREEZE. (FOR APPROVAL OF THE BID, CORRECT VALUES REQUIRE REPAIR OR REPLACEMENT.) DEDUCT ALTERNATE NO. 1. |
| | ⑦ | FURNISH AND INSTALL NEW STEAM AQUAD BREAKERS IN ACCORDANCE WITH THE REMARKS COLUMN. |
| | ⑧ | FURNISH AND INSTALL NEW STEAM AQUAD BREAKERS IN ACCORDANCE WITH THE REMARKS COLUMN. |

- ② FINISH AND INSTALL NEW α -STRAINERS BETWEEN SHUT-OFF VALVE AND INLET TO STEAM TRAP. 1-02 1-03 1-04 1-05
- ③ REPIPE ELEVATED CONDENSATE PIPING AT LOCATIONS NOTED. SEE DETAILS ON DRAWINGS. 3-PI-4
- ④ NO WORK REQUIRED
- ⑤ NO WORK REQUIRED
- ⑥ NO WORK REQUIRED
- ⑦ NO WORK REQUIRED
- ⑧ MISCELLANEOUS

[illegible]